

ABSTRACT

This patent provides a system and method to support accounting management activities for multiple simultaneous applications or services based on their assigned quality of service (QoS). The system dynamically segments and aligns the billing along the lines of a dynamic QoS modification. This represents an advantage to the operator and allows for full compensation of network resource use. Requests for QoS changes cause changes in usage of network resources. Interactions between network components cause accounting management changes adjusted dynamically per user, and on invoked service basis. During static configuration, a default QoS is configured for each service based on the end user's subscriber information. Dynamic configuration for required QoS is performed upon service invocation. Moreover, an end user can request a change in QoS during service session to accommodate a temporary need of a different QoS. The end user may request change in QoS implicitly through service invocation to the allied application servers or explicitly to the network components directly. In any case, based on the subscribers' policy and network's preferences and policy, the QoS is configured.

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